

**(54) METHOD AND DEVICE FOR PROCESSING IC CARD AND IC CARD**

(11) 5-233894 (A) (43) 10.9.1993 (19) JP

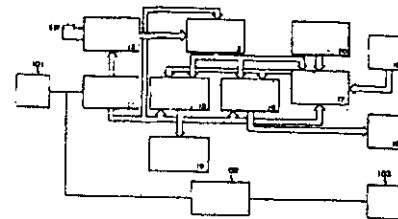
(21) Appl. No. 4-188374 (22) 15.7.1992

(71) DAINIPPON PRINTING CO LTD (72) SUKOUTAYAN ROBERUTO

(51) Int. Cl.<sup>5</sup> G06K17/00, G06K19/07

**PURPOSE:** To simplify the configuration of the IC card without necessity for providing a clock generating means at the IC card by forming a clock signal by transmitting a basic clock signal from the IC card processor to the IC card and frequency dividing the basic clock signal at the IC card.

**CONSTITUTION:** The clock generated at a clock generator 101 is amplified by an amplifier 102, impressed to a transmission coil 103 and transmitted toward the IC card. On the other hand, the clock generated by the clock generator is impressed to a frequency divider circuit 11, and two kinds of clocks at 300Hz and 9.6kHz are formed. The clock at 300Hz is impressed to a reset circuit 12 and turned to a timing signal for continuously exchanging data plural times. Namely, a gate 18 for received data, gate 14 for transmitting data and data control circuit 17 are reset through a timing circuit 13. The clock at 9.6kHz becomes a reference for the operating timing of these respective elements.



15: transmission coil, 16: hole IC, 17: data control circuit, 19: display, 20: memory

**(54) ID INFORMATION MANAGING SYSTEM**

(11) 5-233895 (A) (43) 10.9.1993 (19) JP

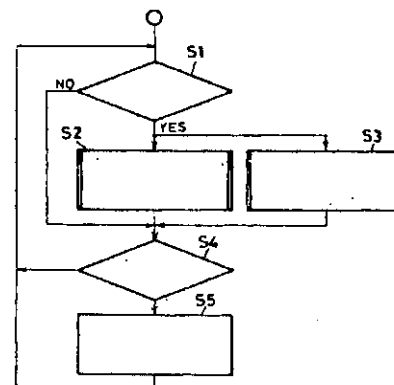
(21) Appl. No. 4-32030 (22) 19.2.1992

(71) KONICA CORP (72) TOSHIHITO NOZU

(51) Int. Cl.<sup>5</sup> G06K17/00, B42D15/10, G06F15/21, G07F7/08, H04N1/21, B42D203/00

**PURPOSE:** To file only the satisfactory figure image data.

**CONSTITUTION:** In an ID card preparation system to read the described contents of an application by an image scanner before photographing a figure image, the read start of the application is discriminated (S1). The read start of the application shows the end of photographing to the preceding applier and the start of photographing to the next applier. Therefore, at such a time, it is regarded that figure image data photographed just before are satisfactory figure image data corresponding to the preceding applier, and such a figure image data is used for filing and ID card preparation (S2 and S3). Then, in the case of photographing after reading the application, only the latest figure image data are subsequently updated and stored (S4 and S5).



S1: Application scan?, S2: To move figure image data i memory to filing device., S3: To prepare ID card base on figure image data in memory., S4: photographing S5: to update/store latest figure image data

**(54) IN/OUT MANAGING DEVICE**

(11) 5-233896 (A) (43) 10.9.1993 (19) JP

(21) Appl. No. 4-35914 (22) 24.2.1992

(71) YUUSEIDAIJIN(1) (72) MASAFUMI KINOSHITA(3)

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**PURPOSE:** To improve security by controlling the open/close of a door at a facility according to an identified result by executing personal identification utilizing the feature of a finger depending on the fingerprint as the confirming means of a person entering/leaving the facility concerning the IN/OUT management for the important facility such as the preservation room of secret documents or a computer room.

**CONSTITUTION:** This device is provided with a finger feature input part 1 to input the feature of the finger to an ID card unit 8 carried by the entering/leaving person, finger feature storage part 2, card control part 3 and card communication part 5 or the like. When a person approaches the door of the facility in the case of entering/leaving that facility, the feature of the finger is communicated from the ID card unit 8 to an IN/OUT managing unit 15 provided with a managing communication part 9, finger information managing part 10 and data managing part 12 or the like. The entering/leaving person is identified from the feature of the finger and in the case of the regular entering/leaving

